

1/15

-1075 ATTAGAGATT GTAAATTGGG CTCTGAGCTT CCTACCAACA AAAGCACAAA GGAAAATATG

-1015 ATCACTGGTA TTAAAAAAA ACACCTATGG TTTCCAAAAG ATTAAAACAA ACCAGCAGTT

-955 TTATAGAAGC TAACACTAAA ATCTAAAGGA ACTACGTTCT ATGGAGCCAC TTAATATGGA

-895 TAAACACTTT GACAATATTC TTTCAACAAC TACAGTAACA AGTTTCTTAG AGTCCATTTT

-835 TTTTACATC CATAATGAAT TGTAATCTT TTCTACTTCT TAAGTAAAAC ATCACCAGTT

-775 AATTCTGGTA ACTTTTCCAT ATTAACCTTT TAGAACAATT GCAAACGTAC CATAAATGAT

-715 TGTGTGCACA GTGGTAACTA TTTGACCCTG ACTGTTATTT TGTATATAGC AGCTTTTAAA

-655 ATAAAAAGGC AACAAGTTTC TAGGCGTAAT TTCCACAGAT CTTTATGTA AAACAATGAC

-595 ATCCTTTGCA ACTTCTGCCA TTTAATCTAT CTCAAGCAAG CTCTCTGGAA ACAAATCTAT

-535 TTGAAAGATT CTATTGTAAT TAGAAATCAG GGTAAGTAA TGCACCTAGT GAAAACCTTC

-475 TGACTGGGGC CAATGAAGTC AATAAAGTCA AACTGCTGT GAATGCTCAA CTGTCTGCAG

-415 ATCAGATGTC TTGGGATGGA ATCCGTTCTC GAGGCCACCA TCATTAATAT CAATTGGGCC

-355 ATGTAATACA AGCCTCACTT GTTCCACTGT TACAAATGTG CTTAAACTG AGCTCATTTA

-295 CAATCCAAAT ACATATGTAG GATGGTAACC AAGGCATCAC ACTAATTTAG GTATTATGTT

----->

FP1 FP2

-235 TTAGGGGGAA CAAAAGGTAT GTTAATATTT TATTCATCTC CAAATTAAGT ATAAATTGTG

FP3

-175 CATTCTTGCA TAGATCCTCC TTGGGAATGA GAAATTAGGA AAATCCAGTT GTTAAATGA

FP4

-115 ATGCCTAAAA TCAAATATAA ATTTGTTTTT CTGGCACCTG CTTGATGACA CAGACTAATA

----->

+1

-55 ACCAATGACA AAATTCCTT GAACCAAGT TTTCATTCC TCCTATTGTG TGTCAGGTT

----->

Fig. 1-1

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+6   ATGTAAGGGT TTGCTTTCAC CCCATTCAAA AGGTACCTCT TCCTCTTCTC TTGCTCCCTC
                                           -----
                                           FP5
+66   TCGCCCTCAT TCTTGTGCCT ATGCAGACAT TTGAGTAGAG GCGAATCACT TTCACTTCTG
----->
                                           FP6
+126  CTGGGGAAAT TGCAACACGC TTCTTTAAAT GGCAGAGAGA AGGAGAAAAC TTAGATCTTC
----->
                                           SD1 ↓
+186  TGATACCAAA TCACTGGACC TTAGAAGGTC AGAAATCTTT CAAGCCCTGC AGGACCGTAA
                                           ----->

+246  AATGCGCATG TGTCCAACGG AAGCACTGGG GCATGAGTGG GGAAGGAATA GAAACAGAAA
SD2 ↓
+306  GAGGGTAAGA GAAGAAAAAA GGGAAAGTGG TGAAGGCAGG GAGGAAAATT GCTTAGTGTG

+366  AATATGCACG CATTCATTTA GTTTTCAAAT CCTTGTGAG CATGATAAAA TTCCCAGCAT

+426  CAGACCTCAC ATGTTGGTTT CCATTAGGAT CTGCCTGGGG GAATATCTGC TGAATCAGTG
----->

+486  GCTCTGAGCT GAACTAGGAA ATTCACCATA ATTAGGAGAG TCACTGTATT TCTCTCCAAA

+546  AAAAAAAG TTATACCCGA GAGACAGGAT CTTCTGATCT GAAATTTTCT TCACTTCTGA

+606  AATTCTCTGG TTTGTGCTCA TCGTTGGTAG CTATTTGTTT ATCAAGAGTT GTGTAGCTGG

+666  CTTCTTCTGA AAAAAGGAAT CTGCGTCATA TCTAAGTCAG ATTTCAATTCT GGTGCTCTCA

+726  GAGCAGTTAG CCCAGGAAAG GGGCCAGCTT CTGTGACGAC TGCTGCAGAG GCAGGTGCAG

+786  TTTGTGTGCC ACAGATATTA ACTTTGATAA GCACTTAATG AGTGCCTTCT CTGTGCGAGA

+846  ATGGGGAGGA ACAAATGCA GCTCCTACCC TCCTCGGGCT TTAGTTGTAC CTTAATAACA

+906  GGAATTTTCA TCTGCCTGGC TCCTTTCTCT AAAGAACAAA GAAGACTTTG CTTCAATAAA
                                           -----
                                           SD3 ↓
+966  GTGTCTGAGA AGGAAG
----->

```

FIG. 1-2

-----AAGTCAAAA-----CTGCTGTGAATGCTCAACTGTCT
 ::::: :
 GGCTCAGCTCTGAGTGCCCAAGCCAAGAGCATTGGCTCAGCTCTGAGTGCCCAAGCCATT
 GCAGATCAGATGTCTTGGGATGGAATCCGTTCTCGAGGCCACCATCATTAAATATCAATTT
 ::::: :
 GCACA-CTGCTGTGTTGGCATGG---CGTTTCTGCAGGCCATTGGTACTCTTACTGTTTT
 GGCCATGTAATACAAGCCTCACTTGTTCCACTGTTACAAATGTGCTTAAAACTGAGCTCA
 ::::: :
 GGCCATGTAATTCATCGCTCACTA-TTCAACTGTGACAGGTGTGCTTAAAAC-GA---CA
 TTTACAATCCAAATACATATGTAGGATGGTAACCAAGGCATCACACTAATTTAGGTATTA
 : : : : :
 TAC-CTGTTACAGCC-TAT----ATGGTGACCAGGACCCTGAACTAACTTGGACCTTA
 TGTTTTAGGGGGAACAAAAGGTATGTTAATATTTTATTCATCTCCAAATT---AACTATA
 ::::: :
 TGT--CAGAAGCAACAAAAGACATACCAATATTTTCTTGATTTTCAAATTGGTAAGT-TA
 AATTGTGCATTCTTG CATAGATCCTCCTTGGAATGAGAAATTAGGAAAATCCAGTTGTT
 ::::: :
 AATTGTCTACCCTTGCGTAGATTCTCTTCAGGC-----AAATGAGGAAGTGCCAGT---T
 AAAATGAATGCCTAAAATCAAATAAAAATTTGTTTTTCTGGCACCTGCTTGATGACACAG
 ::::: :
 AAAGGTAGTGTGTAAAATCAAACAAAAATTAAA---CTGGCACCTGCGTGATGAACAAA
 ACTAATAACCAATGACAAAATTCCTTGAAACCAAGTTTTTCATTTCTCCTAT-----
 : : : : :
 AATTATAATCAATGGTACAACGTCT-GAAGTCA--TTTTCATTTCTTCCATGAAGTGG
 -----TGTGTGGTC
 ::::: :
 GCAGAGTTGTG-GGGC

Fig. 2-2

ACCTCACATGTTGGTTTCCATTAGGATCTGCCTGGGGGAATATCTGCTGAATCAGTGGCT
 :::: ::::: :: :: :: :::: :: ::::: :::::::::::::::::::: ::
 CCCTCTTGCTATGGTTTCTATTTGGGTCTGACTTGGGGACTATCTGCTGAATCAGTATCT

Fig. 3-1

Abstract

1. *Journal of the American Medical Association*, 1997; 277: 1039-1043.

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1

2

Fig. 3-2

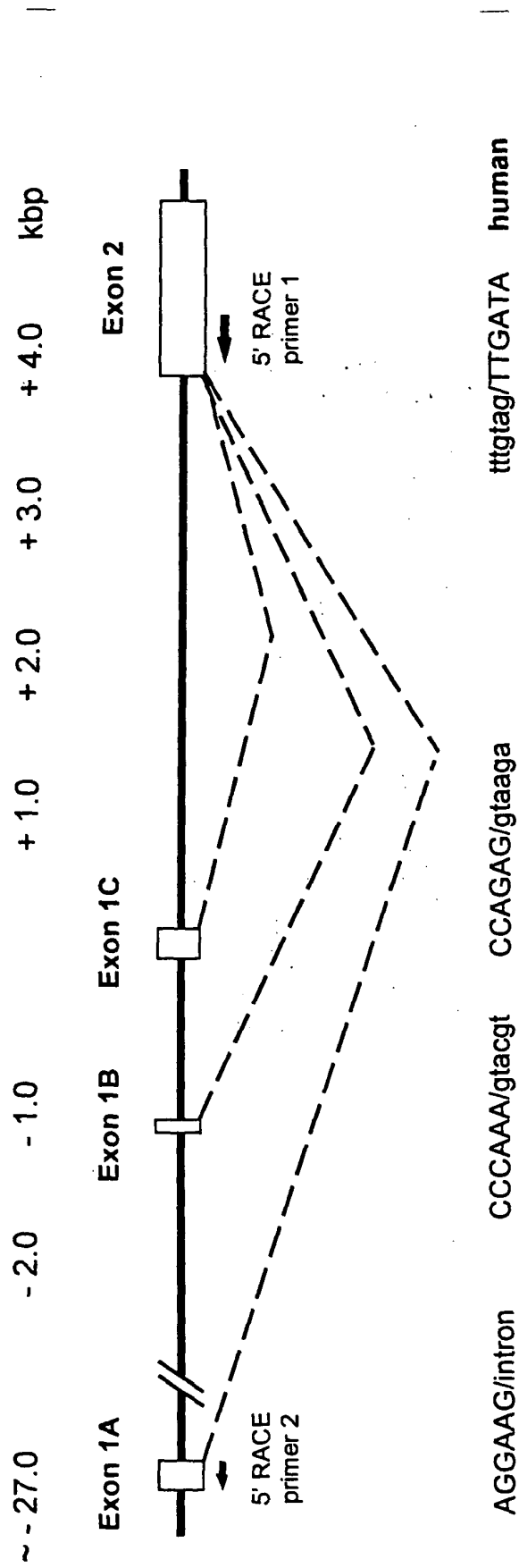


Fig. 4

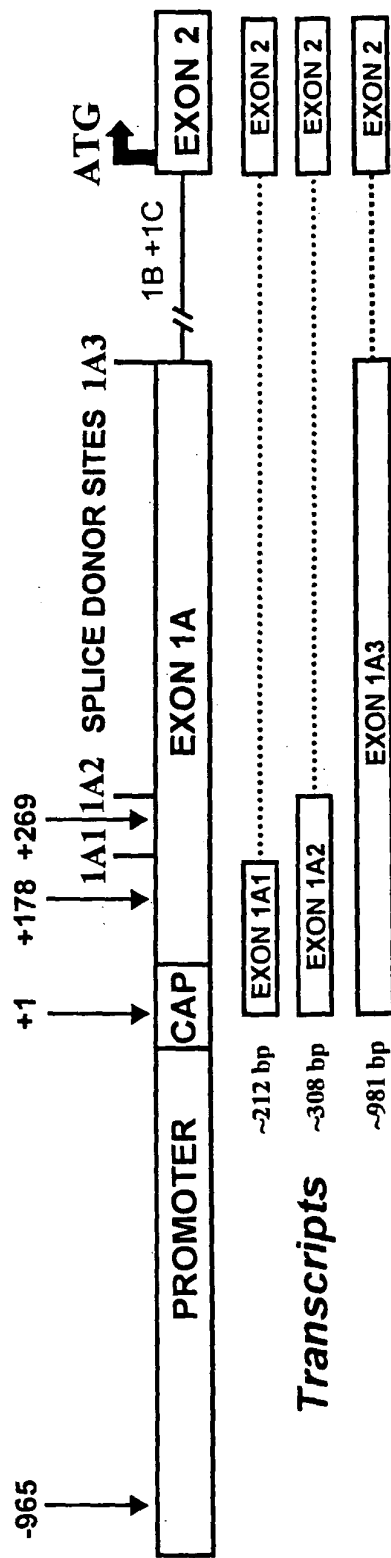


Fig. 5

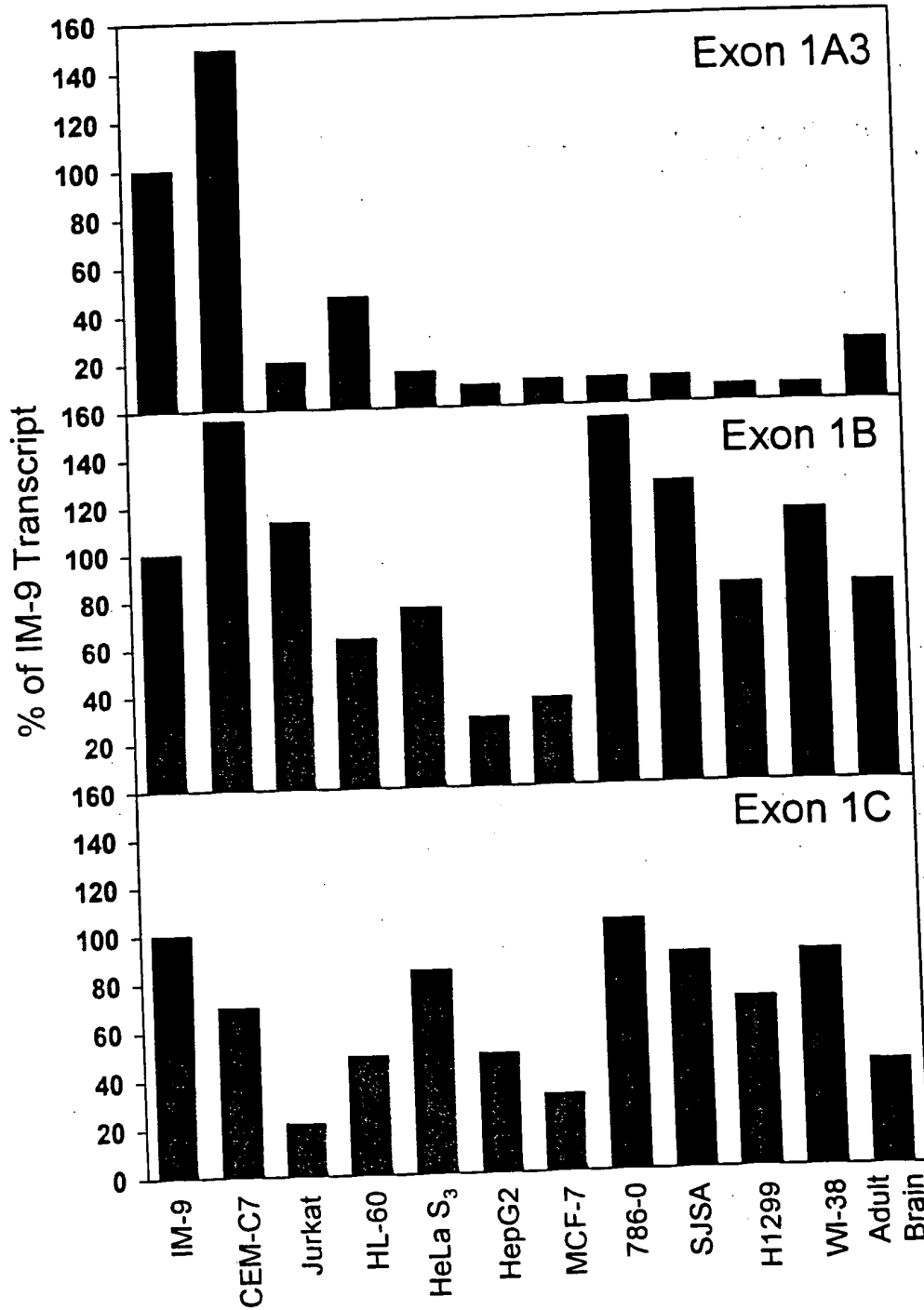


Fig. 6

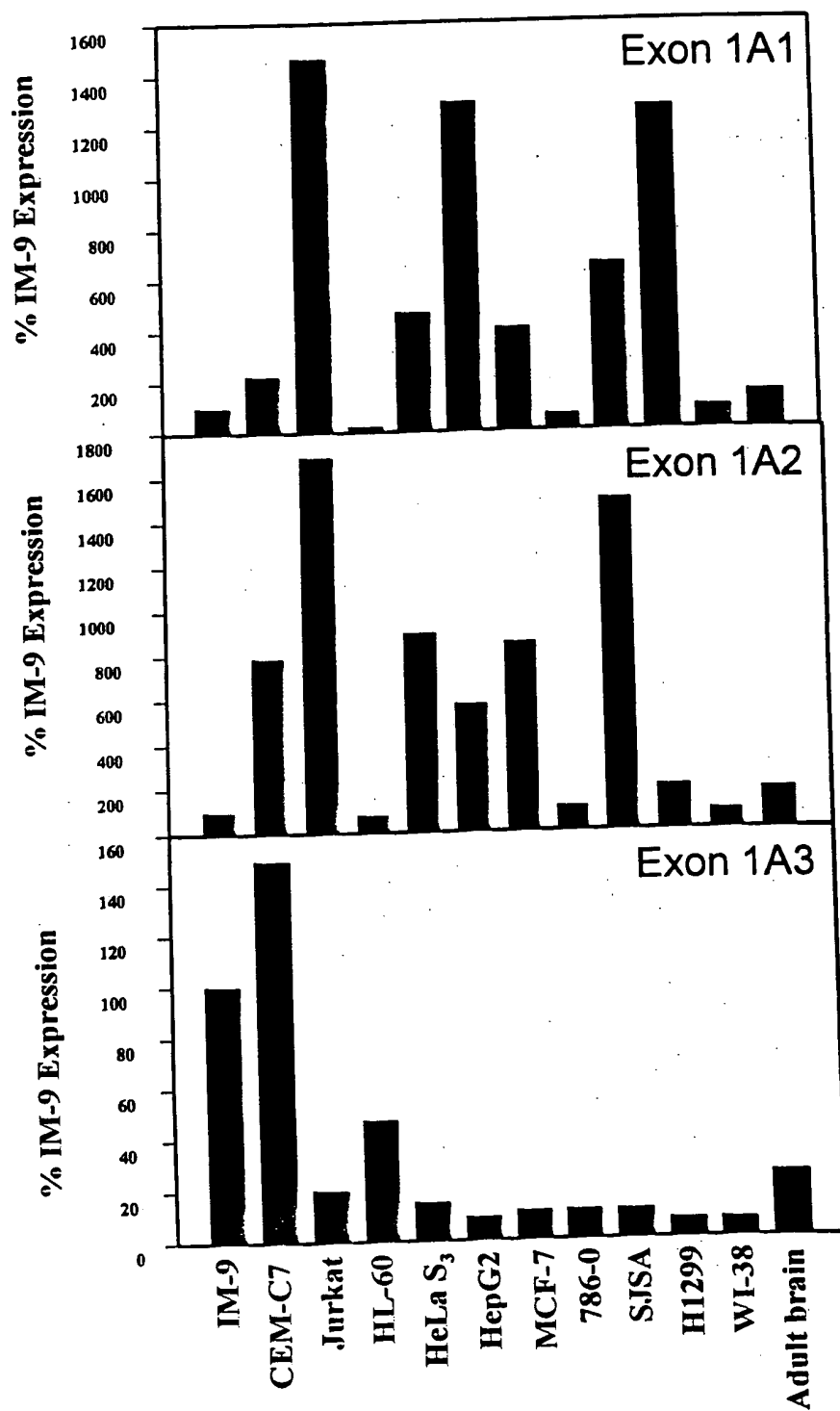


Fig. 7

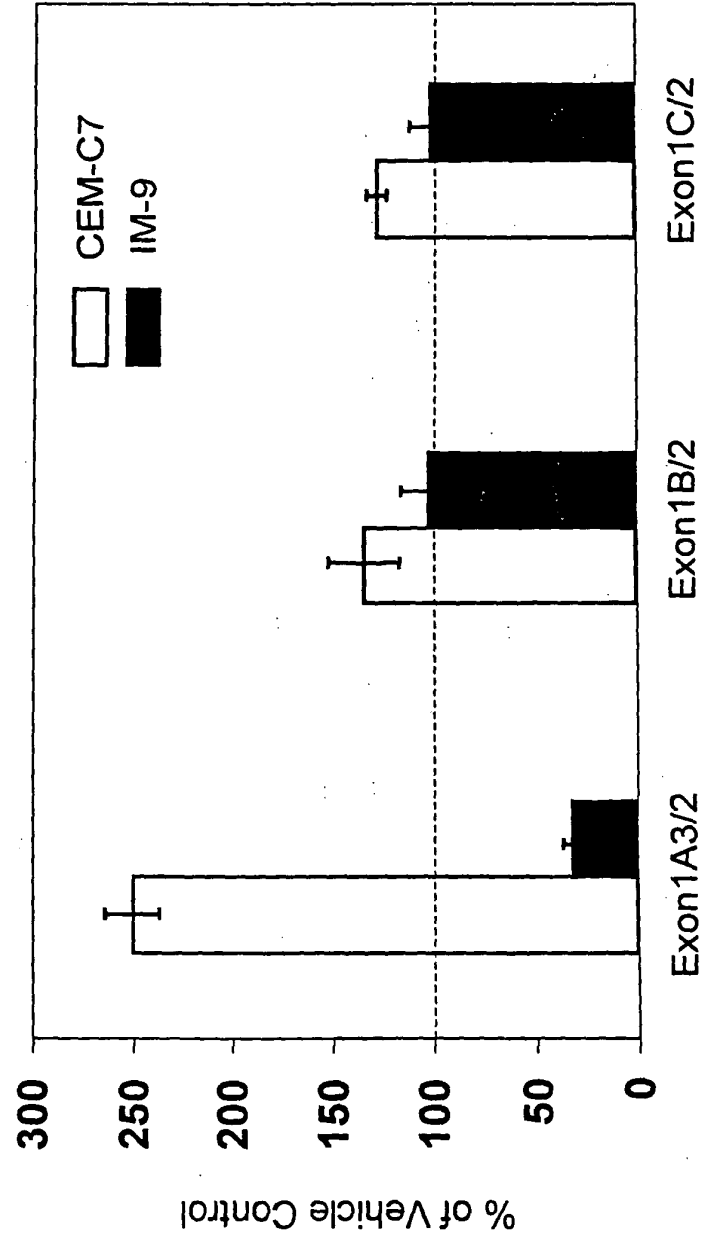


Fig. 8

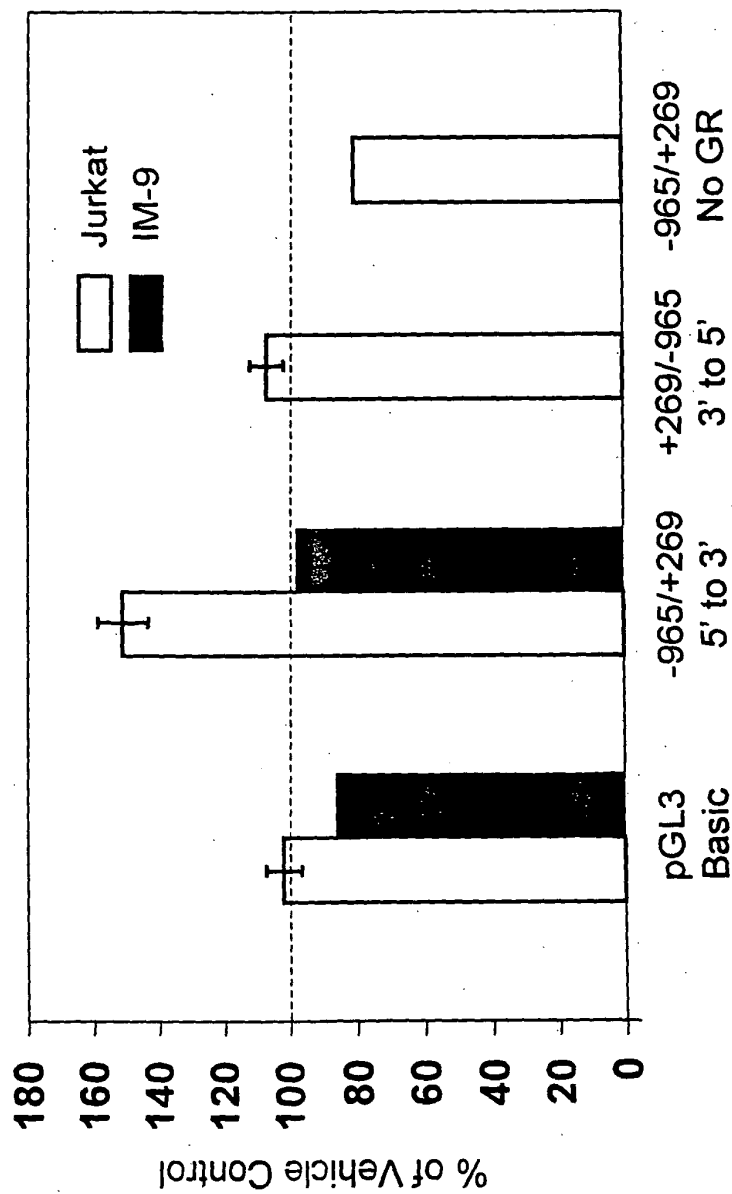


Fig. 9

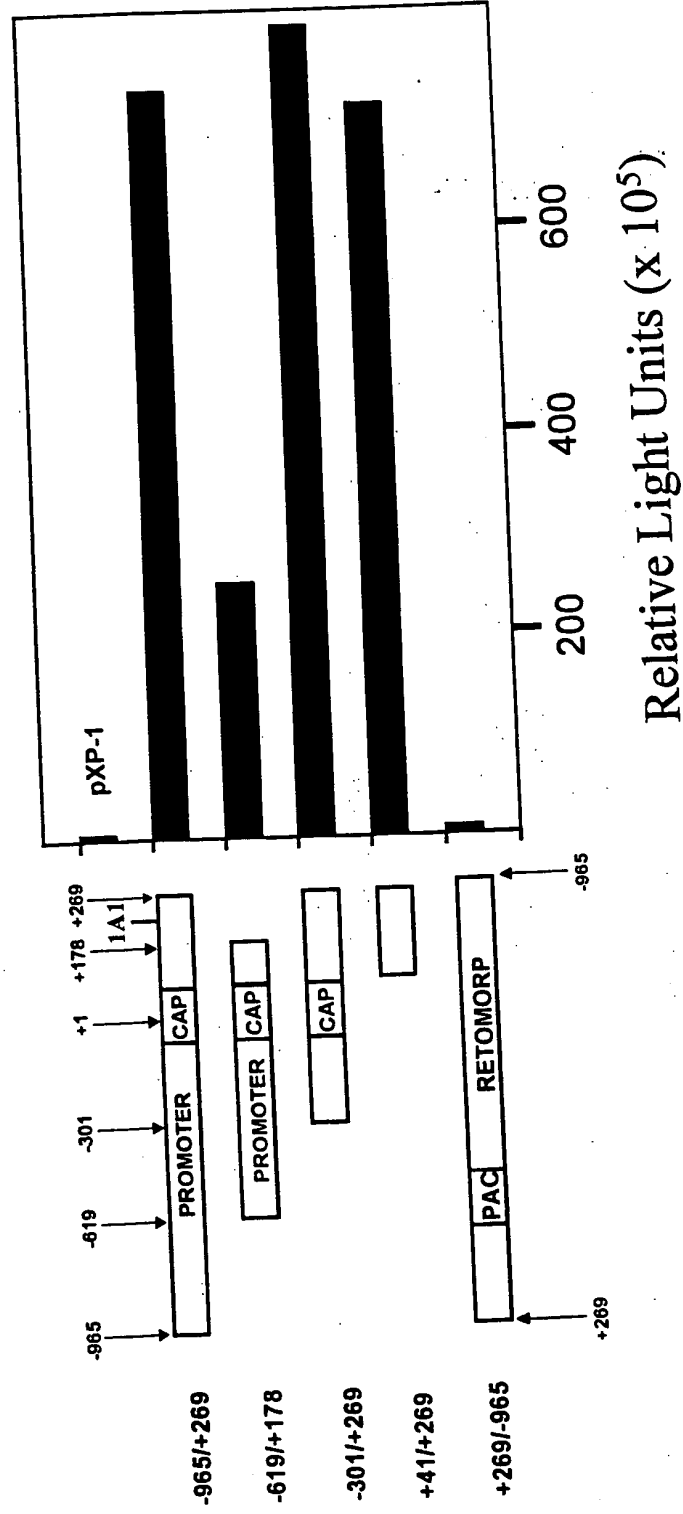


Fig. 10

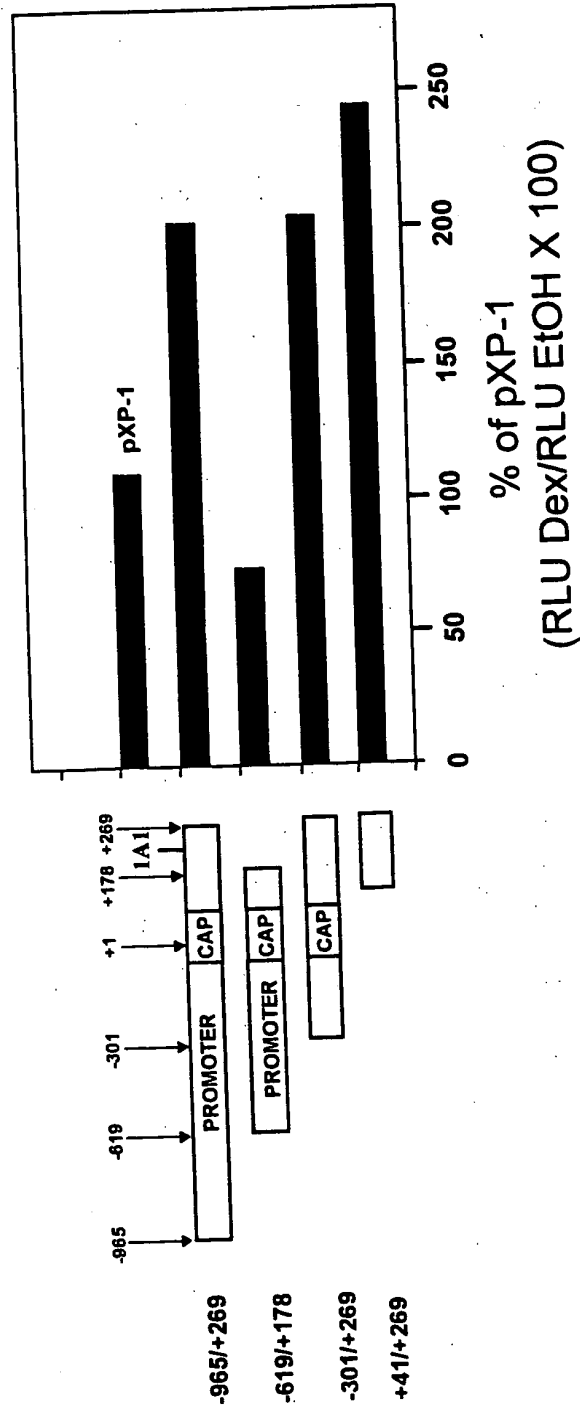


Fig. 11



Fig. 12